Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 21 Aug 2020 until 23:59 on Saturday 22 Aug 2020

Forecast Issued on Friday 21 Aug 2020 at 04:06

Confidence: High for very windy conditions today and generally unsettled theme through the forecast period, low for shower detail, and for timing and extent of rain from late Monday.

Headline for Friday 21 Aug 2020: Scattered showers, with widespread gales across the hills.

Mountain weather hazards on Friday 21 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain showers	Light rain showers	Cloudy	Cloudy
Precipitation probability					
60%	70%	60%	40%	30%	30%

Forecast for Friday 21 Aug 2020

Weather: Very windy on Friday with widespread gales on the hills, and scattered showers. Until mid-afternoon showers may be locally heavy, and merge into bands of rain for a time. Some brighter spells developing through the afternoon. Showers then becoming isolated by evening, with winds moderating a little.

Chance of cloud free mountain/hill tops above 600m: 90% or more, with isolated patches down to 600m possible in heavier showers.

Visibility: Often very good or excellent with distant hills clearly seen, but moderate to good at times in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 21 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/43 S	39/48 S	38/51 SW	39/53 SW	32/43 SW	30/41 SW	29/40 SW
300	28/37 S	29/39 S	28/41 SW	30/43 SW	24/35 SW	23/34 SW	22/33 SW
Valley	17/37 S	18/38 S	19/39 SW	21/43 SW	17/36 SW	15/32 SW	14/31 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/7	13/7	14/8	14/8	13/8	12/8	12/7
300	15/10	16/10	16/11	16/11	16/12	15/11	14/10
Valley	16/12	16/13	17/13	18/13	17/14	15/13	15/12
Freezing Level*	2600m	2800m	2800m	2600m	2600m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on the highest peaks and ridges are likely to reach 60mph later this morning and afternoon. Some strong sunshine with high UV levels is possible during the afternoon where cloud does break. Sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 21 Aug 2020	0mm	10.2mm	18.6mm

Forecast for Saturday 22 Aug 2020

Weather: Isolated showers through the early hours, but most places dry by morning. Further showers spreading from the west during the morning, perhaps merging to give some more general rain around the middle of the day. Occasional showers then likely through the rest of the day and into the evening. A little less windy than Friday, but winds may still reach gale force at times across highest summits.

Maximum wind: Southwesterly 30-35mph with gusts 45-50mph. Winds easing to 25-30mph with gusts 35-40mph by the evening.

Chance of cloud free mountain/hill tops above 600m: 70%, becoming 90% or more during the morning. Occasional patches 500-600m at first, and any more persistent showery rain.

Visibility: Often very good or excellent with distant hills clearly seen, but moderate to good at times in showers

Temperature: **Valleys:** Plus 12 becoming Plus 17 Celsius
At 600m: Plus 07 becoming Plus 10 Celsius
Freezing level: Above the summits

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